

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/018243

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| A. CLASSIFICATION OF SUBJECT MATTER | | |
| IntCl. ⁷ H01L51/50 (2006. 01) | | |
| According to International Patent Classification (CC) or to both national classification and IPC | | |
| B. FIELDS SEARCHED | | |
| Minimum documentation searched (classification system followed by classification symbols) | | |
| IntCl. ⁷ H01L51/50 (2006. 01) | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | |
| Published examined utility model applications of Japan 1922-1996 Published unexamined utility model applications of Japan 1971-2005 Registered utility model specifications of Japan 1996-2005 Published registered utility model applications of Japan 1994-2005 | | |
| Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| Y | JP 2003-272855 A (Fuji Denki CO., LTD.) 2003.09.26, whole document (No Family) | 1-1 9 |
| P, Y | JP 2004-281371 A (Eastman Kodak CO., LTD.) 2004.10.07, claim1, paragraph27 & US 6717358 B & EP 1408563 A2 | 1-1 9 |
| P, A | JP 2005-166637 A (J.Kido and IMES CO., LTD.) 2005.06.23, Fig. 4, paragraphs7, 18 (No Family) | 1-19 |
| P, A | JP 2005-251587 A (TDK CO., LTD.) 2005.09.15 Claims1-5 (No Family) | 1-19 |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex. | | |
| <p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p> | | |
| Date of the actual completion of the international search | | Date of mailing of the international search report |
| 27.10.2005 | | 08.11.2005 |
| Name and mailing address of the ISA/JP | | Authorized officer |
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| C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|---|--|-----------------------|
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | JP 2003-264085 A (SEL CO. , LTD.) 2003.09.19, whole document & US 2003/127967 A1 & EP 1318553 A2 | 1-19 |